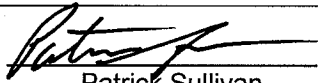


## EENS Job Risk Assessment

The only official copy of this file is the one on-line. Before using a printed copy, verify that it is the most current version by checking the document issue date on the EENS OHSAS web site.

<b>Name(s) of Risk Team Members:</b> P. Carr, Y. Celebi, D. Elling, L. Gerlach, E. Hoey, A. Piper	<b>Point Value → Parameter ↓</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Job Title:</b> Mechanical Material Handling	<b>Frequency (B)</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>JRA #:</b> EENS-JRA-016						
<b>Rev. #:</b> 0 <b>Date:</b> 12/12/05	<b>Severity (C)</b>	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
<b>Job Description:</b> Mechanical Material Handling inclusive of use of overhead cranes, forklifts, pallet jacks, hoists, hand trucks, drum racks, etc., using elevator for material handling.						
<b>Training Procedures List (Optional):</b> Overhead crane operator, Forklift operator	<b>Likelihood (D)</b>	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
<b>Approved by:</b>  Date: 8/31/06 Patrick Sullivan						
<b>Stressors (if applicable, please list all)</b> Poor Lighting, inclement weather, time constraints		<b>Reason for Revision (if applicable):</b>			<b>Comments:</b>	

Job Step / Task	Hazard	Control(s)	Before Additional Controls						Control(s) Added to Reduce Risk	After Additional Controls						% Risk Reduction
			Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	
Select rigging equipment, move to and from load area, connect to load and lifting device.	Strain/sprain injuries from excessive lifting, pushing, pulling, holding, carrying	Work Planning & Control, assistance from others, handle built into load, mechanical assistance as needed.	N	1	3	2	2	12								
	Injury from slips/falls to same level while carrying items	Floor maintenance; good footwear; housekeeping, assistant (spotter), Tier 1, facility awareness, Work Planning And Control	N	1	3	2	3	18								
	Cuts, abrasions	Use of gloves, handles built into load	N	1	3	1	3	9								

## EENS Job Risk Assessment

The only official copy of this file is the one on-line. Before using a printed copy, verify that it is the most current version by checking the document issue date on the EENS OHSAS web site.

Job Step / Task	Hazard	Control(s)	Before Additional Controls						Control(s) Added to Reduce Risk	After Additional Controls						% Risk Reduction
			Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	
Using overhead electric cranes to lift loads	Being struck by a dropped object	Training, safety shoes, hard hat, equipment inspections, knowledge of weight of the load, postings	N	1	3	5	2	30								
Using overhead electric cranes to travel with lifted loads	Being struck by a dropped object or moving load, striking personnel with load or crane hook	Training, safety shoes, hard hat, equipment inspections, knowledge of weight of the load, postings, assistant operator, verify clear path of travel, visual and audible warnings on crane	N	2	2	4	1	16								
Using overhead manual cranes to lift loads	Being struck by a dropped object	Training, safety shoes, hard hat, equipment inspections, knowledge of weight of the load, postings	N	1	3	5	2	30								
Using overhead manual cranes to travel with lifted loads	Being struck by a dropped object or moving load, striking personnel with load or crane hook	Training, safety shoes, hard hat, equipment inspections, knowledge of weight of the load, postings, assistant operator, verify clear path of travel	N	2	2	4	1	16								
Inspection of fork truck prior to use	Cuts and abrasions	Training, use of appropriate PPE (e.g.: safety glasses, gloves, etc).	N	1	3	1	1	3								
Moving load using fork truck	Struck by load/forklift, crushing injuries	Training, neutral safety switch, inspections, scheduled maintenance, qualified/trained operator, proper securement of load, knowledge of weight of the load	N	1	2	5	2	20								
Moving load using pallet jack	Overexertion from pushing/pulling, crushing injuries	Safety shoes, proper securement of load, inspection of travel path, known weight of the load	N	1	3	3	2	18								

## EENS Job Risk Assessment

The only official copy of this file is the one on-line. Before using a printed copy, verify that it is the most current version by checking the document issue date on the EENS OHSAS web site.

Job Step / Task	Hazard	Control(s)	Before Additional Controls						Control(s) Added to Reduce Risk	After Additional Controls						% Risk Reduction
			Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	
Moving load using engine hoist or other manual hydraulic lift	Being struck by the load	Safety shoes, maintenance, inspection of rolling surface, inspection of lift before use	N	1	3	3	2	18								
Moving material via elevator	Chemical exposure	Personnel prohibited from riding freight elevator	N	1	3	1	1	3								
		Personnel prohibited from using elevator with hazardous material; postings	N	1	2	1	1	2								
Freight elevator for material handling	Injury due to load shift	Personnel prohibited, freight only, container/secure load	N	1	4	2	2	16								

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable